COMBINED DECLARATION AND POWER OF ATTORNEY

	(ORIGINAL, DESIGN,	NATIONAL STAGE OF PO	ET)
As a below named i	nventor, I hereby declare that:		an ang an a kaon in mananana an an
first and sole invent	office address and citizenship are or (if only one name is listed belo subject matter which is claimed a	ow) or an original, first and jo	oint inventor (if plural names are
Title: POLYME	R MEMORY DEVICE FO	<u>RMED IN VIA OPENIN</u>	G
the specification of	which		
(a) X is attached (b) was filed o	hereto. nas Serial I	No. or	
	Iail No, a		nd was amended on
(c) (if applicated was described on	ole). bed and claimed in PCT Internate and amend	ional Application Noded under PCT Article 19 on	filed (if any).
	have reviewed and understand th by any amendment referred to al		ified specification, including the
•	uty to disclose information which of Federal Regulations §1.56(a).		of this application in accordance
	PRIC	DRITY CLAIM	
for patent or inventor than the United St application(s) for p country other than t	ity benefits under Title 35, United or's certificate or of any PCT interacts of America listed below a atent or inventor's certificate or the United States of America filed on(s) of which priority is claimed	rnational application(s) designed have also identified beliany PCT international applicable to the same subject in the same su	nating at least one country othe ow any provisional or foreign ation(s) designating at least on
	lications have been filed. ations have been filed as follows.		
	T PROVISIONAL APPLICAT (6 MONTHS FOR DESIGN) F		
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35, USC 119
			YesNo
			YesNo
			Yes No

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Himanshu S. Amin, Reg. No. 40,894 and Gregory Turocy, Reg. No. 36,952.

Paul S. Drake, Reg. No. 33,491; Elizabeth A. Apperley, Reg. No. 36,428; Harry A. Wolin, Reg. No. 32,638; Bradley Botsch, Reg. No. 34,552; Michael Caywood, Reg. No. 37,797; Daniel R. Collopy, Reg. No. 33,667; Kent Cooper, Reg. No. 37,296; and Keith Witek, Reg. No. 37,475.

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

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Name(s) of authorized representative(s)			
Address			
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as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

Send Correspondence To:

Direct Telephone Calls To: (name and telephone number)

Gregory Turocy Amin & Turocy, LLP 24th Floor, National City Center 1900 East 9th Street Cleveland, Ohio 44114

Gregory Turocy (216) 696-8730

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therein.

Full name of first or so	ole inventor, if any: Nicholas I	I. Tripsas	
Inventor's signature			·
Date	Country of Citizenship	United States of America	
Residence	San Jose, California		
Post Office Address	6017 Crossmont Court		
	San Jose, California 95120		
Full name of second of Inventor's signature:	or joint inventor, if any: Matt	hew S. Buynoski	-,,
Date:	Country of Citizenship:	United States of America	
Residence:			
Post Office Address:	2607 Emerson Street		
	Palo Alto, California 9430	6	· ·

Date: 8 May \$3	Country of Citizenship: United States of America
esidence:	Cupertino, California
ost Office Address:	21849 Lindy Lane
	Cupertino, California 95014
	joint inyontor, if any: Uzodinma Okoroanyanwu
nventor's signature: 🗴	-1/~
Date: X 6-5-03	Country of Citizenship: Nigeria
Residence:	Mountain View, California
ost Office Address:	1958 Rock Street, #8
	Mountain View, California 94088
'ull name of fifth or ioi	nt inventor, if any: Angela T. Hui
nventor's signature:	me myenwe, it any. Angela 1. Hui
Date:	Country of Citizenship: United States of America
Residence:	Fremont, California
Post Office Address:	362 Pilgrim Loop
ost Office Address.	Fremont, California 94539
	Tremone, Camornia 94559
esidence:	Fremont, California
esidence:	42681 Lerwick Street
Residence:	
tesidence:	42681 Lerwick Street
Residence:Post Office Address:	42681 Lerwick Street Fremont, California 94539
Residence: Post Office Address: Full name of seventh or	42681 Lerwick Street Fremont, California 94539 joint inventor, if any: Ramkumar Subramanian
Residence: Post Office Address: Full name of seventh or Inventor's signature:	42681 Lerwick Street Fremont, California 94539 joint inventor, if any: Ramkumar Subramanian
Residence: Post Office Address: Full name of seventh or Inventor's signature: Date:	42681 Lerwick Street Fremont, California 94539 joint inventor, if any: Ramkumar Subramanian
Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 5 9 -3 Residence:	42681 Lerwick Street Fremont, California 94539 joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India
Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: Signature: Residence:	42681 Lerwick Street Fremont, California 94539 joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California
Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 5 9 -3 Residence:	joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace
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Residence: Post Office Address: Full name of seventh or Inventor's signature: Date:	42681 Lerwick Street Fremont, California 94539 joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin
Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: Signature: Post Office Address: Full name of eighth or j Inventor's signature:	42681 Lerwick Street Fremont, California 94539 joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Country of Citizenship: Belarus
Residence: Post Office Address: Full name of seventh or Inventor's signature: Date:	42681 Lerwick Street Fremont, California 94539 - joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 - joint inventor, if any: Sergey D. Lopatin Country of Citizenship: Belarus Santa Clara, California
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Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: Post Office Address: Full name of eighth or j Inventor's signature: Date: Residence: Residence:	42681 Lerwick Street Fremont, California 94539 - joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 - joint inventor, if any: Sergey D. Lopatin Country of Citizenship: Belarus Santa Clara, California
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Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: Post Office Address: Full name of eighth or j Inventor's signature: Date: Residence: Post Office Address: Residence: Post Office Address:	42681 Lerwick Street Fremont, California 94539 joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Country of Citizenship: Belarus Santa Clara, California 1000 Kiely Blvd. #66
Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: Post Office Address: Full name of eighth or j Inventor's signature: Date: Residence: Post Office Address: Full name of Address: Full name of ninth or jo	42681 Lerwick Street Fremont, California 94539 joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Country of Citizenship: Belarus Santa Clara, California 1000 Kiely Blvd. #66 Santa Clara, California 95051
Inventor's signature: Date:	42681 Lerwick Street Fremont, California 94539 joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Country of Citizenship: Belarus Santa Clara, California 1000 Kiely Blvd. #66 Santa Clara, California 95051 point inventor, if any: Minh Van Ngo Country of Citizenship: United States of America
Full name of seventh or july name of eighth or july name of ninth or july name of ninth or july name of eighth or july name of ninth or july name of eighth or j	42681 Lerwick Street Fremont, California 94539 joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Country of Citizenship: Belarus Santa Clara, California 1000 Kiely Blvd. #66 Santa Clara, California 95051 Joint Inventor, if any: Minh Van Ngo Country of Citizenship: United States of America Fremont, California
Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: Post Office Address: Full name of eighth or junction of the signature: Date: Residence: Post Office Address: Full name of ninth or junction's signature: Full name of ninth or junction's signature:	42681 Lerwick Street Fremont, California 94539 joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Country of Citizenship: Belarus Santa Clara, California 1000 Kiely Blvd. #66 Santa Clara, California 95051 point inventor, if any: Minh Van Ngo Country of Citizenship: United States of America

Full name of tenth or jo	oint inventor, if any: Ashok M	I. Khathuria				
Inventor's signature:						
		India				
Residence:	San Jose, California					
Post Office Address:						
<u></u>	San Jose, California 95129					
Full name of eleventh o	or joint inventor, if any: Mark	S. Chang				
Inventor's signature:						
Date:	Country of Citizenship:	United States of America				
Residence:	Los Altos, California					
Post Office Address:	1881 Farndon Avenue					
	Los Altos, California 94024					
	joint inventor, if any: Patricl	k K. Cheung				
Inventor's signature:						
Date:		United States of America				
Residence:	Sunnyvale, California					
Post Office Address:						
	Sunnyvale, California 9408	37				
•						
	or joint inventor, if any: <u>Jan</u>	e V. Oglesby				
Inventor's signature:						
Date:		United States of America				
Residence:	Mountain View, Californi					
Post Office Address:	264 N. Whisman Road #18					
	Mountain View, California 94043					

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	COMBINED DECLARATION (ORIGINAL, DESIGN, NA		NEY
As a below named in	ventor, I hereby declare that:	 	
first and sole invento	ffice address and citizenship are as a (if only one name is listed below) ubject matter which is claimed and	or an original, first and joint	inventor (if plural names are
Title: POLYMEI	R MEMORY DEVICE FORM	ED IN VIA OPENING	
the specification of v	vhich		
(if applicab (c) was describ	as Serial No. ail No. , as Serial No. le). ed and claimed in PCT Internationa	l Application No.	filed
on	and amended	under PCT Article 19 on	(if any).
•	nave reviewed and understand the co		I specification, including the
_	ty to disclose information which is mof Federal Regulations §1.56(a).	aterial to the patentability of t	his application in accordance
	PRIORIT	Y CLAIM	
for patent or inventor than the United Sta application(s) for pa country other than the	y benefits under Title 35, United Start's certificate or of any PCT internations of America listed below and tent or inventor's certificate or any the United States of America filed by n(s) of which priority is claimed.	ional application(s) designati have also identified below PCT international applicatio	ng at least one country other any provisional or foreign n(s) designating at least one
(d) X no such appl (e) such applica	ications have been filed. tions have been filed as follows.		
	F PROVISIONAL APPLICATIO 6 MONTHS FOR DESIGN) PRI		
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35, USC 119
			YesNo
			YesNo
- ; ; ;			W N.

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Himanshu S. Amin, Reg. No. 40,894 and Gregory Turocy, Reg. No. 36,952.

Paul S. Drake, Reg. No. 33,491; Elizabeth A. Apperley, Reg. No. 36,428; Harry A. Wolin, Reg. No. 32,638; Bradley Botsch, Reg. No. 34,552; Michael Caywood, Reg. No. 37,797; Daniel R. Collopy, Reg. No. 33,667; Kent Cooper, Reg. No. 37,296; and Keith Witek, Reg. No. 37,475.

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Name(s) of authorized representative(s)			·	 	 	
Address		 			 		

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

Send Correspondence To:

Direct Telephone Calls To:

(name and telephone number)

Gregory Turocy Amin & Turocy, LLP 24th Floor, National City Center 1900 East 9th Street Cleveland, Ohio 44114

Gregory Turocy (216) 696-8730

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therein.

Full name of first or sole	inventor, if any Nicholas I	I. Tripsas	
Inventor's signature	768		
Date 6/1/03	Country of Citizenship	United States of America	
	San Jose, California		
Post Office Address	6017 Crossmont Court		
	San Jose, California 95120		
Full name of second or j Inventor's signature:	joint inventor, if any Matt	bew S. Buynoski	
Date: Jul 13, 2003	Country of Citizenship:	United States of America	
Residence:	Palo Alto, California		
Post Office Address:	2607 Emerson Street		
	Palo Alto, California 9430	6	_ _
Post Office Address:		6	

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	oint inventor, if any: Suzette K. Pangrle
Date: 8 May \$3	Country of Citizenship:United States of America
Residence:	Cupertino, California
Post Office Address:	21849 Lindy Lane
1 Ost Office Address	Cupertino, California 95014
	joint inventor, if any: Uzodinma Okoroanyanwu
Inventor's signature:	Country of Citizenship: Nigeria
Residence:	Mountain View, California
Post Office Address:	1958 Rock Street, #8
	Mountain View, California 94088
Full name of fifth or joi	int inventor, if any: Angela T. Hui
Inventor's signature:	anda Mi
Date: 6/13/8	3 Country of Citizenship: United States of America
Residence:	Fremont, California
Post Office Address:	362 Pilgrim Loop
	Fremont, California 94539
Inventor's signature.	
Inventor's signature 200 Date: June 46 200 Residence:	3 Country of Citizenship: United States of America Fremont, California
Inventor's signature. Date: June 40 200	3 Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street
Inventor's signature 200 Date: June 46 200 Residence:	3 Country of Citizenship: United States of America Fremont, California
Inventor's signature 200 Residence: Post Office Address:	3 Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539
Inventor's signature Date: Jone 46 200 Residence: Post Office Address: Full name of seventh or	3 Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 joint inventor, if any: Ramkumar Subramanian
Inventor's signature Date: Jone 76 200 Residence: Post Office Address: Full name of seventh or Inventor's signature:	3 Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian
Inventor's signature Date: Jone 76 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 19-3	Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India
Inventor's signature Date: Jone 76 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 19 3 Residence:	Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California
Inventor's signature Date: Jone 76 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 19-3	3 Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace
Inventor's signature Date: Jone 76 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 19 3 Residence:	Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California
Inventor's signature Date: Jone 76 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 19 3 Residence:	3 Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace
Inventor's signature Date: Jone 40 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 1913 Residence: Post Office Address:	3 Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089
Inventor's signature Date: Jone 40 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 1913 Residence: Post Office Address:	3 Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace
Inventor's signature Date: Jone 76 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: [9 3] Residence: Post Office Address: Full name of eighth or	Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089
Inventor's signature Date: Jone 76 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 14 3 Residence: Post Office Address: Full name of eighth or Inventor's signature:	Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089
Inventor's signature Date: Jone 40 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 19 3 Residence: Post Office Address: Full name of eighth or Inventor's signature: Date: 6/3/2 23	Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Serger Lopatin Country of Citizenship: Belarus
Inventor's signature Date: Jone 40 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 19 3 Residence: Post Office Address: Full name of eighth or Inventor's signature: Date: 6/13/2 0 3 Residence:	3 Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Sergey Lopatin Country of Citizenship: Belarus Santa Clara, California
Inventor's signature Date: Jone 40 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 19 3 Residence: Post Office Address: Full name of eighth or Inventor's signature: Date: 6/13/2 0 3 Residence:	Gountry of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Sergey D. Lopatin Country of Citizenship: Belarus Santa Clara, California 1000 Kiely Blvd. #66
Inventor's signature Date: Jone 40 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 19 3 Residence: Post Office Address: Full name of eighth or Inventor's signature: Date: 6/13/2003 Residence: Post Office Address:	Gountry of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Sergia Legistria Country of Citizenship: Belarus Santa Clara, California 1000 Kiely Blvd. #66 Santa Clara, California 95051
Inventor's signature Date: Jone 10 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: 19 3 Residence: Post Office Address: Full name of eighth or Inventor's signature: Date: 6/3/2 3 Residence: Post Office Address: Full name of ninth or jone	Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Serger Lopatia Country of Citizenship: Belarus Santa Clara, California 1000 Kiely Blvd. #66 Santa Clara, California 95051
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Inventor's signature: Date: Jone 10 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: Signature: Date: 6/3/203 Residence: Post Office Address: Full name of eighth or Inventor's signature: Date: 6/3/203 Residence: Post Office Address: Full name of ninth or identification of the signature: Date: 5/1/03	Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Country of Citizenship: Belarus Santa Clara, California 1000 Kiely Blvd. #66 Santa Clara, California 95051 point inventor, if any: Minh Van Ngo Country of Citizenship: United States of America
Inventor's signature: Date: Jone 10 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: Jole 10 200 Full name of eighth or Inventor's signature: Date: 6/3/2 \omega 3 Residence: Post Office Address: Full name of ninth or inventor's signature: Date: 5/12/03 Residence: Date: 5/12/03 Residence:	Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Sergey D. Lopatin Sergey D. Lopatin Santa Clara, California 1000 Kiely Blvd. #66 Santa Clara, California 95051 point inventor, if any: Minh Van Ngo Country of Citizenship: United States of America Fremont, California
Inventor's signature: Date: Jone 10 200 Residence: Post Office Address: Full name of seventh or Inventor's signature: Date: Signature: Date: 6/3/203 Residence: Post Office Address: Full name of eighth or Inventor's signature: Date: 6/3/203 Residence: Post Office Address: Full name of ninth or identification of the signature: Date: 5/1/03	Country of Citizenship: United States of America Fremont, California 42681 Lerwick Street Fremont, California 94539 r joint inventor, if any: Ramkumar Subramanian Country of Citizenship: India Sunnyvale, California 1155-D LaRochelle Terrace Sunnyvale, California 94089 joint inventor, if any: Sergey D. Lopatin Country of Citizenship: Belarus Santa Clara, California 1000 Kiely Blvd. #66 Santa Clara, California 95051 point inventor, if any: Minh Van Ngo Country of Citizenship: United States of America

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Full name of tenth or ja	int inventor, if any: Ashok M	1. Khathuria	
Inventor's signature:	int inventor, it any: Ashok A		
Date: 6-11-03	Country of Citizenship:	India	
Residence:	San Jose, California		
Post Office Address:	5512 Castle Glen Avenue		
	San Jose, California 95129	<u> </u>	
			-
Full name of eleventh or	joint inventor if any: Marl	S Chang	
Inventor's signature:	Mark S.C.	(aug	
Date: 6/13/03	Country of Citizenship:	Upited States of America	
Residence:	Los Altos, California		_
Post Office Address:	1881 Farndon Avenue		
	Los Altos, California 9402	.4	
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Full name of twelfth or	joint inventor, if any: Patric	k K. Cheung	
Inventor's signature:	feel lel	-2	
Date: 6/11/07	Country of Citizenship:	United States of America	
Residence:	Sunnyvale, California		
Post Office Address:	561 Cherrywood Drive		
	Sunnyvale, California 940	87	
	•		
Full name of thirteenth	or joint inventor, if any: Jan	ie V. Oglesby	
Inventor's signature:	SOM		
Date: 4/11/3	Country of Citizenship:	United States of America	
Residence:	Mountain View, Californ	ia	
Post Office Address:	264 N. Whisman Road #18		
	Mountain View, California	1 94043	

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